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				Filing Date		Concurrently Herewith	
				First Named Inventor		H. KATAYANAGI	
				Group Art Unit		2852	
				Examiner Name		Beatty	
Sheet	1	of	1	Attorney Docket Number		01601C/LH	

U.S. PATENT DOCUMENTS

Exam. Inits [*]	Cite No ¹	Document Number	Kind Code ²	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion
		5,970,278		Munakata, Leo	10-19-1999	
		6,321,059	B1	Tamura, Satoshi	11-20-2001	
		6,477,340	B2	Tomizawa et al	11-05-2002	
		6,347,196	B1	Kawabata et al	02-12-2002	
		5,559,590		Arai et al	09-24-1996	
		5,117,261		Sakai et al	05-26-1992	

FOREIGN PATENT DOCUMENTS

Exam Inits [*]	Cite No ¹	offc ³	Document Number ⁴	Kind Code ⁵	Name of Patentee or Applicant	Publication Date MM-DD-YYYY	Relevant Portion	T ⁶
		JP	2000-330444	A	Sato et al	11-30-2000		
		JP	11-212426	A	Komi, Kyoji	08-06-1999		

Examiner Signature	<i>R. Beatty</i>	Date Considered	12/24/03
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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* English language abstract enclosed

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